✔ **¡Felicitaciones! ¡Aprobaste!**

Calificación recibida 100 %   **Para Aprobar** 80 % o más

Ir al siguiente elemento

Week 2 Quiz

Calificación de la entrega más reciente: 100 %

1. How do you use Image Augmentation in TensorFLow   `1 / 1 punto`

   ○ With the keras.augment API

   ○ With the tf.augment API

   ○ You have to write a plugin to extend tf.layers

   ⦿ Using parameters to the ImageDataGenerator

   ✔ **Correcto**

2. If my training data only has people facing left, but I want to classify people facing right, how would I avoid overfitting?   `1 / 1 punto`

   ○ Use the 'flip' parameter and set 'horizontal'

   ⦿ Use the 'horizontal_flip' parameter

   ○ Use the 'flip_vertical' parameter around the Y axis

   ○ Use the 'flip' parameter

   ✔ **Correcto**

3. When training with augmentation, you noticed that the training is a little slower. Why?   `1 / 1 punto`

   ○ Because the augmented data is bigger

   ○ Because the training is making more mistakes

   ○ Because there is more data to train on

   ⦿ Because the image processing takes cycles

   ✔ **Correcto**

4. What does the fill_mode parameter do?   `1 / 1 punto`

   ○ There is no fill_mode parameter

   ○ It creates random noise in the image

   ⦿ It attempts to recreate lost information after a transformation like a shear

   ○ It masks the background of an image

   ✔ **Correcto**

5. When using Image Augmentation with the ImageDataGenerator, what happens to your raw image data on-disk.

○ It gets overwritten, so be sure to make a backup

○ A copy is made and the augmentation is done on the copy

◉ Nothing, all augmentation is done in-memory

○ It gets deleted

✓ **Correcto**

6. How does Image Augmentation help solve overfitting?

○ It slows down the training process

◉ It manipulates the training set to generate more scenarios for features in the images

○ It manipulates the validation set to generate more scenarios for features in the images

○ It automatically fits features to images by finding them through image processing techniques

✓ **Correcto**

7. When using Image Augmentation my training gets...

◉ Slower

○ Faster

○ Stays the Same

○ Much Faster

✓ **Correcto**

8. Using Image Augmentation effectively simulates having a larger data set for training.

○ False

◉ True

✓ **Correcto**